



Sheet 1 of 8

<b>Form PTO-1449 Modified</b>				<b>Docket No.</b> CRNT-0022		<b>Serial No.</b> 10/036,814	
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)				<b>Applicant</b> Mollenkopf et al.			
				<b>Filing Date</b> December 21, 2001			
U.S. Department of Commerce Patent and Trademark Office				<b>Group</b> 2632			
<b>U. S. PATENT DOCUMENTS</b>							
<b>Examiner Initial</b>		<b>Document No.</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	
D.P.	1	3,895,370	07/15/75	Valentini	340	310	
	2	3,911,415	10/07/75	Whyte	340	310	
	3	3,942,168	03/02/76	Whyte	340	310.01	
	4	3,942,170	03/02/76	Whyte	340	310	
	5	3,967,264	06/29/76	Whyte et al.	340	310.08	
	6	4,012,733	03/15/77	Whyte	340	310	
	7	4,070,572	01/24/78	Summerhayes	250	199	
	8	4,119,948	10/10/78	Ward et al.	340	870.02	
	9	4,142,178	02/27/79	Whyte et al.	340	310	
	10	4,268,818	05/19/81	Davis et al.	340	870.38	
	11	4,433,284	02/21/84	Perkins	323	361	
	12	4,468,792	08/28/84	Baker et al.	375	45	
	13	4,473,816	09/25/84	Perkins	340	310	
	14	4,473,817	09/25/84	Perkins	340	310	
	15	4,481,501	11/06/84	Perkins	340	310	
	16	4,495,386	01/22/85	Brown et al.	455	402	
	17	4,642,607	02/10/87	Strom et al.	340	310	
<b>EXAMINER</b> <i>David C. Pope</i>				<b>DATE CONSIDERED</b> 9/18/04			



Sheet 2 of 8

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office				Docket No. <b>CRNT-0022</b>		Serial No. <b>10/036,914</b>	
				Applicant <b>Mollenkopf et al.</b>			
				Filing Date <b>December 21, 2001</b>		Group <b>2632</b>	

**RECEIVED**  
**JUL 31 2002**  
Technology Center 2600

U. S. PATENT DOCUMENTS						
Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>D.P.</i>	18	4,644,321	02/17/87	Kennon	340	310 A
	19	4,686,641	08/11/87	Evans	364	580
	20	4,749,992	06/07/88	Fitzmeyer et al.	340	870.02
	21	B1 4,749,992	06/11/96	Fitzmeyer et al.	340	870.02
	22	4,785,195	11/15/88	Rochelle et al.	307	18
	23	4,835,517	05/30/89	van der Gracht et al.	340	310 A
	24	4,979,183	12/18/90	Cowart	375	142
	25	5,006,846	04/09/91	Granville et al.	340	870.28
	26	5,191,467	03/02/93	Kapany et al.	359	341
	27	5,210,519	05/11/93	Moore	340	310
	28	5,319,634	06/07/94	Bartholomew et al.	370	18
	29	5,351,272	09/27/94	Abraham	375	38
	30	5,359,625	10/25/94	Vander Mey et al.	375	1
	31	5,375,141	10/20/94	Takahashi	375	1
	32	5,432,841	07/11/95	Rimer	455	457
	33	5,448,229	09/05/95	Lee, Jr.	340	870.02
	34	5,461,629	10/24/95	Sutterlin et al.	371	30
	35	5,579,335	11/26/96	Sutterlin et al.	375	200

EXAMINER <i>Day J Byrne</i>	DATE CONSIDERED <i>9/11/04</i>
-----------------------------	--------------------------------



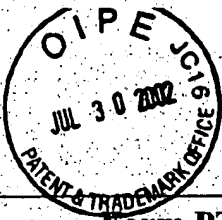
Sheet 3 of 8

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office				Docket No. <b>CRNT-0022</b>		Serial No. <b>10/036,914</b>	
				Applicant <b>Mollenkopf et al.</b>			
				Filing Date <b>December 21, 2001</b>		Group <b>2632</b>	
<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
<i>DP</i>	36	5,625,863	04/29/97	Abraham	455	3.3	
	37	5,630,204	05/13/97	Hylton et al.	455	3.3	
	38	5,640,416	06/17/97	Chalmers	375	147	
	39	5,664,002	09/02/97	Skinner, Sr.	379	56.2	
	40	5,694,108	12/02/97	Shuey	340	310.01	
	41	5,717,685	02/10/98	Abraham	370	30	
	42	5,748,671	05/05/98	Sutterlin et al.	375	206	
	43	5,770,996	06/23/98	Severson et al.	340	310.08	
	44	5,774,526	06/30/98	Propp et al.	379	90.1	
	45	5,777,544	07/07/98	Vander Mey et al.	340	310.06	
	46	5,777,769	07/07/98	Coutinho	359	173	
	47	5,778,116	07/07/98	Tomich	385	16	
	48	5,802,102	09/01/98	Davidovici	375	152	
	49	5,818,127	10/06/98	Abraham	307	106	
	50	5,847,447	12/08/98	Rozin et al.	257	678	
	51	5,864,284	01/26/99	Sanderson et al.	340	310.01	
	52	5,880,677	03/09/99	Lestician	340	825.06	
<b>EXAMINER</b> <i>Wayne Pope</i>				<b>DATE CONSIDERED</b> <i>9/11/04</i>			

RECEIVED

JUL 31 2002

Technology Center 2600



Sheet 4 of 8

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>CRNT-0022</b>	Serial No. <b>10/036,914</b>
	<b>RECEIVED</b> <b>JUL 31 2002</b> <b>Technology Center 2600</b>	
	Filing Date <b>December 21, 2001</b>	Group <b>2632</b>

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
D.P.	53	5,881,098	03/09/99	Tzou	375	152
	54	5,929,750	07/27/99	Brown	340	310.02
	55	5,937,003	08/10/99	Sutterlin et al.	375	208
	56	5,937,342	08/10/99	Kline	455	402
	57	5,949,327	09/07/99	Brown	340	310.01
	58	5,963,585	10/05/99	Omura et al.	375	207
	59	5,977,650	11/02/99	Rickard et al.	307	3
	60	6,014,386	01/11/00	Abraham	370	485
	61	6,037,678	03/14/00	Rickard	307	89
	62	6,040,759	03/21/00	Sanderson	340	310.01
	63	6,226,166 B1	05/01/01	Gumley et al.	361	118
	64	6,282,405 B1	08/28/01	Brown	725	79
	65	6,297,729 B1	10/02/01	Abali et al.	340	310.01
	66	2002/0027496 A1	03/07/02	Cern et al.	340	310.01
<b>EXAMINER</b> <i>Daryl Pope</i>				<b>DATE CONSIDERED</b> <i>9/11/04</i>		



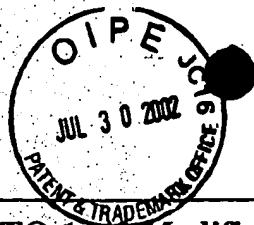
Sheet 5 of 8

<b>Form PTO-1449 Modified</b>				<b>Docket No.</b> CRNT-0022		<b>Serial No.</b> 10/036,914	
<b>List of Patent and Publications Cited by Applicant (Use several sheets if necessary)</b>				<b>Applicant</b> Mollenkopf et al.			
				<b>Filing Date</b> December 21, 2001		<b>Group</b> 2632	
<b>U.S. Department of Commerce Patent and Trademark Office</b>							
<b>U. S. PATENT DOCUMENTS</b>							
<b>Examiner Initial</b>		<b>Document No.</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	
D.P.	67	S.N. 09/765,910	01/19/01	Kline	-----	-----	
	68	S.N. 09/805,638	03/14/01	Kline	-----	-----	
	69	S.N. 09/835,532	04/16/01	Kline	-----	-----	
	70	S.N. 09/837,972	04/19/01	Kline et al.	-----	-----	
	71	S.N. 09/912,633	07/25/01	Kline	-----	-----	
	72	S.N. 09/915,459	07/26/01	Kline	-----	-----	
	73	S.N. 09/924,730	08/08/01	Kline	-----	-----	
	74	S.N. 10/016,998	12/14/01	Kline	-----	-----	
	75	S.N. 10/075,708	02/14/02	Kline	-----	-----	
	76	S.N. 10/075,332	02/14/02	Kline	-----	-----	
	77	S.N. 10/150,694	05/16/02	Gidge	-----	-----	
	78	S.N. 10/165,992	06/10/02	Kline	-----	-----	
	79	S. N. 10/176,500	06/21/02	Pridmore, Jr. et al.	-----	-----	
<b>EXAMINER</b> <i>Daryl Pope</i>				<b>DATE CONSIDERED</b> 9/11/04			

RECEIVED

JUL 31 2002

Technology Center 2601



Sheet 6 of 8

<b>Form PTO-1449 Modified</b>				<b>Docket No.</b> CRNT-0022		<b>Serial No.</b> 10/036,914			
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office				Applicant Mollenkopf et al.				<b>RECEIVED</b> JUL 31 2002	
				Filing Date December 21, 2001		Group Technology Center 2600 2632			
<b>FOREIGN PATENT DOCUMENTS</b>									
<b>Examiner Initial</b>		<b>Document No.</b>	<b>Date</b>	<b>Country</b>	<b>Translation</b> <b>YES NO</b>				
D.P.	80	197 28 270 A1	01/07/99	DE	X abstract				
	81	2 122 920 A1	12/16/98	ES	X abstract				
	82	2 335 335 A	09/15/99	GB					
	83	2 341 776 A	03/22/00	GB					
	84	0 948 143 A2	10/06/99	EP	X abstract				
	85	0 959 569 A1	11/24/99	EP	X abstract				
	86	0 913 955 A2	05/06/99	EP					
	87	98/01905 A1	01/15/98	WO					
	88	98/33258 A2	07/30/98	WO					
	89	98/33258 A3	07/30/98	WO					
	90	01/08321 A1	02/01/01	WO	X abstract				
<b>EXAMINER</b> <i>Dayl Pope</i>				<b>DATE CONSIDERED</b> 9/11/04					



Sheet 7 of 8

<b>Form PTO-1449 Modified</b>		Docket No. <b>CRNT-0022</b>	Serial No. <b>10/036,914</b>
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Applicant <b>Mollenkopf et al.</b>	
		Filing Date <b>December 21, 2001</b>	
		Group <b>2632</b>	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
D.P.	91	Patent Abstracts of Japan, Japanese Publication No. 10200544 A2, published July 31, 1998, (Matsushita Electric Works, LTD)	
	92	Web Printout: <a href="http://www.tohoku-epco.co.jp/profil/kurozu/c_vol8_1/art04.htm">http://www.tohoku-epco.co.jp/profil/kurozu/c_vol8_1/art04.htm</a> Tohoku Electric Power, Co., Inc., "Tohoku Electric Develops High-Speed Communications System Using Power Distribution Lines," <i>Tohoku Currents</i> , Spring 1998, 8(1), 2 pages	
	93	International Search Report issued in PCT Application No. PCT/US01/01810, Date of Mailing: May 2, 2001	
	94	International Search Report issued in PCT Application No. PCT/US01/12699, Date of Mailing: July 16, 2001	
	95	International Search Report issued in PCT Application No. PCT/US01/12291, Date of Mailing: October 22, 2001	
	96	International Search Report issued in PCT Application No. PCT/US01/48064, Date of Mailing: June 5, 2002	
	97	Written Opinion issued in PCT Application No. PCT/US01/12699, Date of Mailing: May 15, 2002	
EXAMINER	DATE CONSIDERED		

RECEIVED

JUL 31 2002

Technology Center 2600

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

D.P.

91

Patent Abstracts of Japan, Japanese Publication No. 10200544 A2, published July 31, 1998, (Matsushita Electric Works, LTD)

92

Web Printout:

[http://www.tohoku-epco.co.jp/profil/kurozu/c\\_vol8\\_1/art04.htm](http://www.tohoku-epco.co.jp/profil/kurozu/c_vol8_1/art04.htm)Tohoku Electric Power, Co., Inc., "Tohoku Electric Develops High-Speed Communications System Using Power Distribution Lines," *Tohoku Currents*, Spring 1998, 8(1), 2 pages

93

International Search Report issued in PCT Application No. PCT/US01/01810, Date of Mailing: May 2, 2001

94

International Search Report issued in PCT Application No. PCT/US01/12699, Date of Mailing: July 16, 2001

95

International Search Report issued in PCT Application No. PCT/US01/12291, Date of Mailing: October 22, 2001

96

International Search Report issued in PCT Application No. PCT/US01/48064, Date of Mailing: June 5, 2002

97

Written Opinion issued in PCT Application No. PCT/US01/12699, Date of Mailing: May 15, 2002

EXAMINER

DATE CONSIDERED

9/11/04



Sheet 8 of 8

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>CRNT-0022</b>	Serial No. <b>10/036,914</b>
	Applicant <b>Mollenkopf et al.</b>	
	Filing Date <b>December 21, 2001</b>	Group <b>2632</b>

**RECEIVED****JUL 31 2002**

Technology Center 2600

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
D.P.	98	2,298,435	10/13/42	Tunick	----	----
	99	3,445,814	05/20/69	Spalti	340	151
	100	3,656,112	04/11/72	Paull	340	151
	101	4,675,648	06/23/87	Roth et al.	340	310.07
	102	5,684,450	11/04/97	Brown	340	310.02

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
D.P.	103	95/29536	11/02/95	WO		

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

D.P.	104	International Search Report issued in PCT Application No. PCT/US02/04310, Date of Mailing: June 24, 2002
EXAMINER	[Signature]	
	DATE CONSIDERED	9/11/04





Sheet 1 of 10

**Form PTO-1449 Modified**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)U.S. Department of Commerce  
Patent and Trademark OfficeDocket No.  
**CRNT-0022**Serial No.  
**10/036,914****RECEIVED**Applicant  
**Mollenkopf et al.****MAY 05 2003**

Technology Center 2600

Filing Date  
**December 21, 2001**Group  
**2632****U. S. PATENT DOCUMENTS**

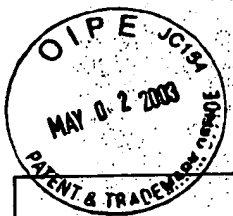
Examiner Initial		Document No.	Date	Name	Class	Subclass
D.P.	1	3,605,009	09/14/71	Enge	323	93
	2	3,641,536	02/08/72	Prosprich	340	870.15
	3	3,702,460	11/07/72	Blose	340	150
	4	3,810,096	05/07/74	Kabat et al.	340	147 R
	5	3,962,547	06/08/76	Pattantyus-Abraham	179	2.5 R
	6	3,964,048	06/15/76	Lusk et al.	340	310 R
	7	3,973,240	08/03/76	Fong	340	151
	8	4,004,110	01/18/77	Whyte	179	170 J
	9	4,016,429	04/05/77	Vercellotti et al.	307	149
	10	4,057,793	11/08/77	Johnson et al.	340	310 R
	11	4,060,735	11/29/77	Pascucci et al.	307	3
	12	4,188,619	02/12/80	Perkins	340	310 R
	13	4,239,940	12/16/80	Dorfman	179	2.51
	14	4,254,402	03/03/81	Perkins	340	310 R
	15	4,323,882	04/06/82	Gajjer	340	310 R
	16	4,357,598	11/02/82	Melvin, Jr.	340	310 A
	17	4,408,186	10/04/83	Howell	340	310 A
	18	4,442,492	04/10/84	Karlsson et al.	364	464
	19	4,457,014	06/26/84	Bloy	381	98
	20	4,569,045	02/04/86	Schieble et al.	370	85
	21	4,652,855	03/1987	Weikel	340	310
	22	4,683,450	07/28/87	Max et al.	333	202
	23	4,686,382	08/11/87	Shuey	307	149
	24	4,697,166	09/29/87	Warnagiris et al.	340	310 R
	25	4,745,391	05/17/88	Gajjar	340	310 A
✓	26	4,746,897	05/24/88	Shuey	340	310 R

EXAMINER

*Wayne Pope*

DATE CONSIDERED

*9/11/04*



Sheet 2 of 10

**Form PTO-1449 Modified**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)U.S. Department of Commerce  
Patent and Trademark OfficeDocket No.  
**CRNT-0022**Serial No.  
**10/036,914**Applicant  
**Mollenkopf et al.****RECEIVED****MAY 0 5 2003**

Technology Center 2600

Filing Date  
**December 21, 2001**Group  
**2632****U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
D.J.	27	4,766,414	08/23/88	Shuey	340	310 A
	28	4,800,363	01/24/89	Braun et al.	340	310 A
	29	4,903,006	02/02/90	Boomgaard	340	310 A
	30	4,973,940	11/27/90	Sakai et al.	340	310 R
	31	5,148,144	09/15/92	Sutterlin et al.	340	310 A
	32	5,185,591	02/09/93	Shuey	340	310 A
	33	5,257,006	10/26/93	Graham et al.	340	310A
	34	5,301,208	04/05/94	Rhodes	375	36
	35	5,369,356	11/29/94	Kinney et al.	324	142
	36	5,410,720	04/25/95	Osterman	725	150
	37	5,406,249	04/11/95	Pettus	340	310.06
	38	5,410,720	04/25/95	Osterman	725	150
	39	5,426,360	06/20/95	Maraio et al.	324	126
	40	5,485,040	01/16/96	Sutterlin	307	3
	41	5,497,142	03/05/96	Chaffanjon	340	310.06
	42	5,498,956	03/12/96	Kinney et al.	324	142
	43	5,559,377	09/24/96	Abraham	307	104
	44	5,579,221	11/26/96	Mun	364	188
	45	5,592,482	01/07/97	Abraham	348	8
	46	5,616,969	04/01/97	Morava	307	91
	47	5,691,691	11/25/97	Merwin et al.	340	310.02
	48	5,705,974	01/06/98	Patel et al.	340	310.08
	49	5,712,614	01/27/98	Patel et al.	340	310.03
	50	5,726,980	03/10/98	Rickard	370	293
	51	5,777,545	07/07/98	Patel et al.	341	310.06
	52	5,796,607	08/18/98	Le Van Suu	364	140.01

EXAMINER

*Wayne Poyne*

DATE CONSIDERED

*9/11/04*



Sheet 3 of 10

**Form PTO-1449 Modified**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)U.S. Department of Commerce  
Patent and Trademark OfficeDocket No.  
**CRNT-0022**Serial No.  
**10/036,914****RECEIVED**Applicant  
**Mollenkopf et al.****MAY 0 5 2003**

Technology Center 2600

Filing Date  
**December 21, 2001**Group  
**2632****U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>D</i>	53	5,805,053	09/08/98	Patel et al.	340	310.01
	54	5,828,293	10/27/98	Rickard	340	310.04
	55	5,835,005	11/10/98	Furukawa et al.	340	310.01
	56	5,856,776	01/05/99	Armstrong et al.	340	310.01
	57	5,870,016	02/1999	Shresthe	340	310.01
	58	5,892,430	04/06/99	Wiesman et al.	340	310.01
	59	5,933,071	08/03/99	Brown	340	310.01
	60	5,933,073	08/03/99	Shuey	340	310.07
	61	5,978,371	11/02/99	Mason, Jr. et al.	370	389
	62	5,982,276	11/09/99	Stewart	340	310.01
	63	5,994,998	11/30/99	Fisher et al.	340	310.01
	64	6,023,106	02/08/00	Abraham	307	3
	65	6,091,932	07/18/00	Langlais	455	5.1
	66	6,104,707	08/15/00	Abraham	370	295
	67	6,140,911	10/2000	Fisher et al.	340	310.01
	68	6,144,292	11/07/00	Brown	340	310.02
	69	6,151,330	11/21/00	Liberman	370	449
	70	6,157,292	12/05/00	Piercy et al.	340	310.01
	71	6,172,597 B1	01/09/01	Brown	340	310.02
	72	6,177,849 B1	01/23/01	Barsellotti et al.	333	177
	73	6,212,658 B1	04/03/01	Le Van Suu	714	749
	74	6,239,722 B1	05/29/01	Colton et al.	340	870.02
	75	6,297,730 B1	10/02/01	Dickinson	340	310.01
	76	6,317,031 B1	11/13/01	Rickard	340	310.03
	77	6,331,814 B1	12/18/01	Albano et al.	340	310.01
<i>✓</i>	78	6,373,376 B1	04/16/02	Adams et al.	340	310.01

EXAMINER

*Dan Pope*

DATE CONSIDERED

*9/11/04*



Sheet 4 of 10

**Form PTO-1449 Modified**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)U.S. Department of Commerce  
Patent and Trademark OfficeDocket No.  
**CRNT-0022**Serial No.  
**10/036,914**Applicant  
**Mollenkopf et al.****RECEIVED****MAY 05 2003**

Technology Center 2600

Filing Date  
**December 21, 2001**Group  
**2632****U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
D.P.	79	6,396,391 B1	05/02	Binder	340	310.01
	80	6,396,392 B1	05/28/02	Abraham	340	310.01
	81	6,404,773 B1	06/11/02	Williams et al.	370	463
	82	6,407,987 B1	06/18/02	Abraham	370	295
	83	6,414,578	07/02/02	Jitaru	336	170
	84	6,425,852 B1	07/30/02	Epstein et al.	600	13
	85	6,441,723 B1	08/27/02	Mansfield, Jr. et al.	340	310.01
	86	6,452,482 B1	09/17/02	Cern	340	310.01
	87	6,480,510 B1	11/02	Binder	370	502
	88	6,486,747 B1	11/26/02	DeCramer et al.	333	25
	89	6,496,104 B2	12/17/02	Kline	340	310.01
	90	6,504,357 B1	01/07/03	Hemminger et al.	340	310.01
	91	2001/0038329 A1	11/08/01	Diamanti et al.	340	310.01
	92	2001/0038343 A1	11/08/01	Meyer et al.	340	870.02
	93	2001/0052843 A1	12/20/01	Wiesman et al.	340	310.01
	94	2001/0054953 A1	12/27/01	Kline	340	310.01
	95	2002/0010870 A1	01/24/02	Gardner	713	300
	96	2002/0014884 A1	02/07/02	Chung	324	74
	97	2002/0041228 A1	04/11/02	Zhang	340	310.01
	98	2002/0060624 A1	05/23/02	Zhang	340	310.01
	99	2002/0071452 A1	06/13/02	Abraham	370	480
	100	2002/0080010 A1	06/27/02	Zhang	340	310.06
	101	2002/0095662 A1	07/18/02	Ashlock et al.	717	136
	102	2002/0098867 A1	07/25/02	Meiksen et al.	455	560
	103	2002/0105413 A1	08/08/02	Cern	340	310.01
	104	S. N. 10/293,799	11/13/02	Huebner		

EXAMINER

*Dan J. Hope*

DATE CONSIDERED

*9/11/04*



Sheet 5 of 10

**Form PTO-1449 Modified**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)U.S. Department of Commerce  
Patent and Trademark OfficeDocket No.  
**CRNT-0022**Serial No.  
**10/036,914**Applicant  
**Mollenkopf et al.**Filing Date  
**December 21, 2001**Group  
**2632****U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>D.P.</i>	105	S.N. 10/292,745	11/12/02	Cope et al.		
	106	S.N. 10/292,714	11/12/02	Cope		
	107	S.N. 10/315,725	12/10/02	Cope et al.		
	108	S.N. 10/319,317	12/13/02	Mollenkopf et al.		
	109	S.N. 10/348,164	01/21/03	Cope et al.		
	110	S.N. 10/385,899	03/10/03	Mollenkopf		

**RECEIVED****MAY 05 2003**

Technology Center 2600

**EXAMINER***Dayl Pope***DATE CONSIDERED***9/11/04*



Sheet 6 of 10

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>CRNT-0022</b>	Serial No. <b>10/036,914</b>
	Applicant <b>Mollenkopf et al.</b>	
	Filing Date <b>December 21, 2001</b>	Group <b>2632</b>

RECEIVED

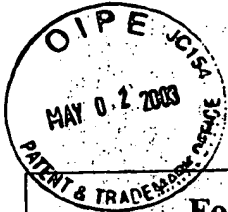
MAY 05 2003

Technology Center 2500

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
D.P.	111	0 470 185 B1	11/29/95	EP		
	112	0 581 351 A1	02/02/94	EP		
	113	0 916 194 B1	09/26/01	EP		
	114	1 011 235 A2	6/21/00	EP		
	115	1 011 235 A3	05/02/02	EP		
	116	1 014 640 A2	06/28/00	EP		
	117	1 014 640 A3	07/03/02	EP		
	118	1 021 866 B1	10/23/02	EP		
	119	2 293 950 A	04/10/96	GB		
	120	2 315 937 A	02/11/98	GB		
	121	2 331 683 A	05/26/99	GB		
	122	2 342 264 A	04/05/00	GB		
	123	2 347 601 A	09/06/00	GB		
	124	1276933	11/07/89	JP		
	125	98/40980 A1	09/17/98	WO		
	126	00/59076 A1	10/05/00	WO		
	127	00/60701 A1	10/12/00	WO		
	128	01/43305 A1	06/14/01	WO	X abstract	
	129	01/82497 A1	11/01/01	WO		
✓	130	02/054605 A1	07/11/02	WO		

EXAMINER <i>Daryl Pope</i>	DATE CONSIDERED <i>9/11/04</i>
----------------------------	--------------------------------



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>CRNT-0022</b>	Serial No. <b>10/036,914</b>
	Applicant <b>Mollenkopf et al.</b>	
	Filing Date <b>December 21, 2001</b>	Group <b>2632</b>

RECEIVED

MAY 05 2003

Technology Center 2600

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

DP	131	Power Line Communications Conference entitled, "PLC, A New Competitor in Broadband Internet Access," <b>December 11-12, 2001</b> , Washington, D.C., 60 pages
	132	Rivkin, S. R., "Co-Evolution of Electric & Telecommunications Networks," <i>The Electricity Journal</i> , <b>May 1998</b> , 71-76
	133	Marketing Assessment Presentation entitled "Powerline Telecommunications," The Shpigler Group for CITI PLT, <b>July 16, 2002</b> , 9 pages
	134	Campbell, C., presentation entitled "Building a Business Case for PLC: Lessons Learned From the Communication Industry Trenches," KPMG Consulting, <b>July 16, 2002</b> , 5 pages
	135	"Embedded Power Line Carrier Modem," Archnet Electronic Technology, <a href="http://www.archnetco.com/english/product/ATL90.htm">http://www.archnetco.com/english/product/ATL90.htm</a> , <b>2001</b> , 3 pages
	136	"Archnet: Automatic Meter Reading System Power Line Carrier Communication", <a href="http://www.archnetco.com/english/product/product_sl.htm">www.archnetco.com/english/product/product_sl.htm</a> , 3 pages
	137	"Power Line Communications Solutions", <a href="http://www.echelon.com/products/oem/transceivers/powerline/default.htm">www.echelon.com/products/oem/transceivers/powerline/default.htm</a> , 2 pages
	138	"Texas Instruments: System Block Diagrams; Power Line Communication (Generic)", <a href="http://focus.ti.com/docs/apps/catalog/resources/blockdiagram.jhtml?bdId=638">http://focus.ti.com/docs/apps/catalog/resources/blockdiagram.jhtml?bdId=638</a> , 1 page
	139	Feduschak, N.A., "Waiting in the Wings: Is Powerline Technology Ready to Compete with Cable?", <b>March 2001</b> , <a href="http://www.cabletoday.com/ic2/archives/0301/0301powerline.htm">www.cabletoday.com/ic2/archives/0301/0301powerline.htm</a> , 5 pages
	140	"Signalling on Low-Voltage Electrical Installations in the Frequency Band 3kHz to 148.5kHz-Part 4: Filters at the Interface of the Indoor and Outdoor Electricity Network", <i>CLC SC 105A (Secretariat)</i> <b>May 1992</b> , 62, 1-11
	141	"Intellon Corporation Test Summary for Transformerless Coupler Study", <i>Intellon No News Wires</i> , <b>December 24, 1998</b> , DOT/NHTSA Order No. DTNH22-98-P-07632, pp 1-18
	142	EMETCON Automated Distribution System, ABB Power T & D Company, Inc., <b>January 1990</b> , Raleigh, North Carolina, No B-919A, 14 pages
	143	"Dedicated Passive Backbone for Power Line Communications", <i>IBM Technical Disclosure Bulletin</i> , <b>July 1997</b> , 40(7), 183-185
✓	144	Coaxial Feeder Cables [Engineering Notes]", <i>PYE Telecommunications Limited Publication Ref No. TSP507/1</i> , <b>June 1975</b> , Cambridge, England, 15 pages

EXAMINER

DATE CONSIDERED

9/11/04



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>CRNT-0022</b>	Serial No. <b>10/036,914</b>
		<b>RECEIVED</b> <b>MAY 05 2003</b> Technology Center 2600	
		Filing Date <b>December 21, 2001</b>	Group <b>2632</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
D	145	"Centralized Commercial Building Applications with the Lonworks ® PLT-21 Power Line Transceiver", <i>Lonworks Engineering Bulletin</i> , Echelon, April 1997, pp 1-22	
	146	"Plexeon Logistics, Inc., "Power Line Communications", <a href="http://www.plexeon.com/power.html">www.plexeon.com/power.html</a> , 2 pages	
	147	"EMETCON Automated Distribution System: Communications Guide", <i>Westinghouse ABB Power T &amp; D Company Technical Manual 42-6001A</i> , September 1989, 55 pages	
	148	Abraham, K.C. et al., "A Novel High-Speed PLC Communication Modem", <i>IEEE Transactions on Power Delivery</i> , 1992, 7(4), 1760-1768	
	149	J.M. Barstow., "A Carrier Telephone System for Rural Service", <i>AIEE Transactions</i> , 1947, 66, 301-307	
	150	Chang, S.S.L., "Power-Line Carrier", <i>Fundamentals Handbook of Electrical and Computer Engineering</i> , Volume II-Communication, Control, Devices and Systems, John Wiley & Sons, 617-627	
	151	Chen, Y-F. et al. "Baseband Transceiver Design of a 128-Kbps Power-Line Modem for Household Applications", <i>IEEE Transactions on Power Delivery</i> , 2002, 17(2), 338-344	
	152	Coakley, N.G. et al., "Real-Time Control of a Servosystem Using the Inverter-Fed Power Lines to Communicate Sensor Feedback", <i>IEEE Transactions on Industrial Electronics</i> , 1999, 46(2), 360-369	
	153	Esmailian, T. et al., "A Discrete Multitone Power Line Communication System", <i>Department of Electrical and Computer Engineering</i> , University of Toronto, Ontario Canada, 2000 IEEE, pp 2953-2956	
	154	Kawamura, A. et al., "Autonomous Decentralized Manufacturing System Using High-speed Network with Inductive Transmission of Data and Power", <i>IEEE</i> , 1996, 940-945	
	155	Kilbourne, B. "EEI Electric Perspectives: The Final Connection", <a href="http://www.eei.org/ep/editorial/Jul-01/0701conenct.htm">www.eei.org/ep/editorial/Jul-01/0701conenct.htm</a> , 7 pages	
	156	Kim, W-O., et al., "A Control Network Architecture Based on EIA-709.1 Protocol for Power Line Data Communications", <i>IEEE Transactions on Consumer Electronics</i> , 2002, 48(3), 650-655	
	157	Lim, C.K. et al., "Development of a Test Bed for High-Speed Power Line Communications", School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore, <i>IEEE</i> , 2000, 451-456	

EXAMINER

DATE CONSIDERED

9/11/04





<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>CRNT-0022</b>	Serial No. <b>10/036,914</b>
		Applicant <b>Mollenkopf et al.</b>	
		Filing Date <b>December 21, 2001</b>	Group <b>2632</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
Df.	158	Lokken, G. et al., "The Proposed Wisconsin electric Power Company Load Management System Using Power Line Carrier Over Distribution Lines", 1976 <i>National Telecommunications Conference, IEEE, 1976, 2.2-12.2-3</i>	
	159	Marthe, E. et al., "Indoor Radiated Emission Associated with Power Line Communication Systems", <i>Swiss Federal Institute of Technology Power Systems Laboratory IEEE, 2001, 517-520</i>	
	160	Naredo, J.L. et al., "Design of Power Line Carrier Systems on Multitransposed Delta Transmission Lines", <i>IEEE Transactions on Power Delivery, 1991, 6(3), 952-958</i>	
	161	Nichols, K., "Build a Pair of Line-Carrier Modems", <i>CRC Electronics-Radio Electronics, 1988, 87-91</i>	
	162	Okazaki, H, et al., "A Transmitting, and Receiving Method for CDMA Communications Over Indoor Electrical Power Lines", <i>IEEE, 1998, pp VI-522-VI-528</i>	
	163	B. Don Russell, "Communication Alternatives for Distribution Metering and Load Management", <i>IEEE Transactions on Power Apparatus and Systems, 1980, Vol PAS-99(4), pp 1448-1455</i>	
	164	Sado, WN. et al., "Personal Communication on Residential Power Lines- Assessment of Channel Parameters", <i>IEEE, 532-537</i>	
	165	International Search Report dated August 7, 2002, from PCT/US02/04300	

RECEIVED

MAY 05 2003

Technology Center 2600

EXAMINER <i>Wayne Pope</i>	DATE CONSIDERED <i>9/11/04</i>
----------------------------	--------------------------------

